

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-007852
(43)Date of publication of application : 12.01.2001

(51) Int. Cl. H04L 12/56

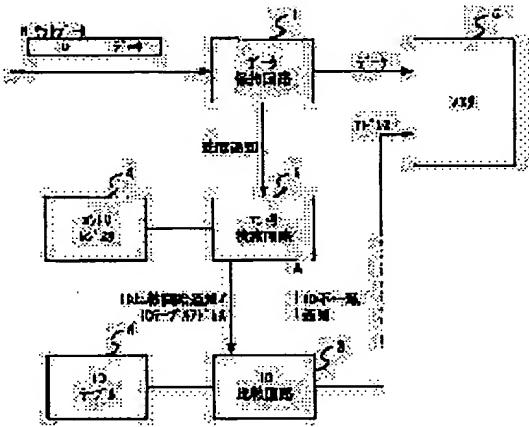
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(54) METHOD AND SYSTEM FOR STORING PACKET DATA WITH ID TO EACH MEMORY

(57)Abstract:

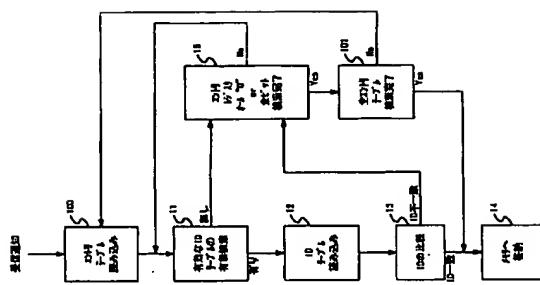
PROBLEM TO BE SOLVED: To speed up sorting and storing of packet data in a memory.

SOLUTION: An entry retrieval circuit 2 retrieves whether or not packet data with an ID the same as an ID of transferred packet data are stored in a memory by using an entry register 4. D ID table address obtained by the entry retrieval circuit 2 to read the corresponding ID table so as to compare whether or not the IDs are the same. In the case that the ID table to which the same ID is entered is found out, the address of a corresponding memory is confirmed and the packet data are stored to an address next to that of the packet data with the same ID having already been stored. In the case that the same ID is not yet entered, idle addresses of the entry register are entered and the ID is entered to the ID table denoted by the entry register and the packet data are stored into the address of the memory denoted by the ID table.

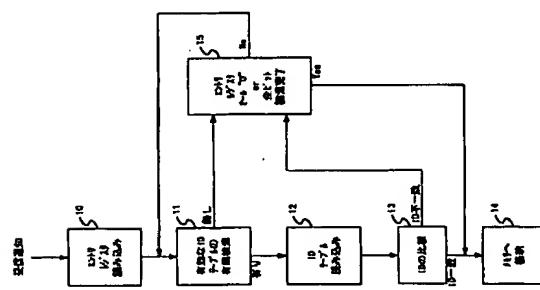


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